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Canadian Journal of Physics

Subject Classification
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Revue canadienne de physique

Classification thématique
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- 24.00 Nuclear reactions: general
- 25.00 Nuclear reactions: specific reactions
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- 29.00 Experimental methods and instrumentation for elementary-particle and nuclear physics

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- 31.00 Electronic structure of atoms and molecules: theory
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- 34.00 Atomic and molecular collision processes and interactions
- 36.00 Exotic atoms and molecules; macromolecules; clusters
- 39.00 Instrumentation and techniques for atomic and molecular physics

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- 41.00 Electromagnetism; electron and ion optics
- 42.00 Optics
- 43.00 Acoustics

- 44.00 Heat transfer
- 45.00 Classical mechanics of discrete systems
- 46.00 Continuum mechanics of solids (see also 83.10.Ff in rheology)
- 47.00 Fluid dynamics

50.00 PHYSICS OF GASES, PLASMAS, AND ELECTRIC DISCHARGES

- 51.00 Physics of gases
- 52.00 Physics of plasmas and electric discharges

60.00 CONDENSED MATTER: STRUCTURAL, MECHANICAL AND THERMAL PROPERTIES

- 61.00 Structure of solids and liquids; crystallography
- 62.00 Mechanical and acoustical properties of condensed matter
- 63.00 Lattice dynamics
- 64.00 Equations of state, phase equilibria, and phase transitions
- 65.00 Thermal properties of condensed matter
- 66.00 Transport properties of condensed matter (nonelectronic)
- 67.00 Quantum fluids and solids; liquid and solid helium
- 68.00 Surfaces and interfaces; thin films and low-dimensional systems (structure and nonelectronic properties)

70.00 CONDENSED MATTER: ELECTRONIC STRUCTURE, ELECTRICAL, MAGNETIC, AND OPTICAL PROPERTIES

- 71.00 Electronic structure of bulk materials
- 72.00 Electronic transport in condensed matter
- 73.00 Electronic structure and electrical properties of surfaces, interfaces, thin films, and low-dimensional structures
- 74.00 Superconductivity
- 75.00 Magnetic properties and materials
- 76.00 Magnetic resonances and relaxations in condensed matter, Mössbauer effect
- 77.00 Dielectrics, piezoelectrics, and ferroelectrics and their properties
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- 79.00 Electron and ion emission by liquids and solids; impact phenomena

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- 93.00 Geophysical observations, instrumentation, and techniques
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